

WATTLE

Acacias of Australia

Acacia cultriformis A.Cunn. ex G.Don



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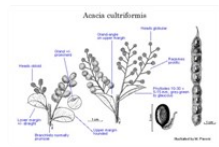
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Acacia cultriformis occurrence map.
Occurrence map generated via Atlas of Living
Australia (<https://www.ala.org.au>).

Common Name

Knife-leaf Wattle, Dog-tooth Wattle, Half-moon Wattle, Golden Glow Wattle

Family

Fabaceae

Distribution

Discontinuous from Narrandera, N.S.W., N to the Stanthorpe-Inglewood area, south-eastern Qld. It is incipiently naturalized in parts of Vic.

Description

Shrub to c. 4 m high. **Branchlets** normally lightly to conspicuously **pruinose, glabrous**. Phyllodes rather **crowded**, inequilateral, often **±triangular**, broadest about the middle, with **abaxial margin ±straight** and **adaxial margin markedly rounded** or angled, 10–30 mm long, 5–15 mm wide, **coriaceous**, grey-green to **glaucous**, light green when young, **glabrous**; **midrib central or excentric**; **lateral nerves** not prominent; **gland** rather prominent, at or slightly below widest part of **phyllode**. Racemes prolific in upper axils; **axes** 1–5 cm long, sometimes to 20 cm, **glabrous**; **peduncles** 2.5–5 mm long, **glabrous**; heads **globular** to shortly **cylindrical**, 13–40-flowered, bright golden. Flowers 5-**merous**; sepals united. Pods **narrowly oblong**, raised over seeds, to 9 cm long, (4–) 5–8 mm wide, firmly **chartaceous**, often **pruinose, glabrous**. Seeds **longitudinal, oblong**, 3.5–4.5 mm long, dull to slightly shiny, black; **aril ±clavate**.

Habitat

Grows in sand or clayey loam in *Eucalyptus* communities.

Specimens

Qld: Bracker Ck, Stanthorpe–Inglewood road, *W.J.F.McDonald* 1176 (BRI). N.S.W.: 15 km by road W of West Wyalong, *E.F.Constable* 7273 (NSW, PERTH); about 2.5 km SE of Brogedah HS on road to Muswellbrook, *B.R.Maslin* 5924 (NSW, PERTH); 10 km from Jerrys Plain towards Denman, *N.Hall* H78/7 (NSW, PERTH); Hunter R. [area], *A.Cunningham* 103/1825 (BM, K, NY), 104/1825 (BM) and 87/1827 (A, BM, K); Vic.: Melbourne suburb of Heatmont, on N side of railway line opposite S end of Daniella Cres., *J.C.Reid* 2694 (MEL n.v., PERTH).

Notes

Seemingly related to *A. semilunata* which is distinguished especially by its branchlets normally hairy to some degree, phyllodes never angled along their adaxial margin, glands less prominent, heads always globular and narrower pods (4–5 mm wide). *Acacia pravissima* sometimes superficially resembles *A. cultriformis*.

Widely cultivated; the cultivar *A. cultriformis* 'Cascade' has a loose, pendulous growth habit, reaches 0.3 m high and spreads to 2–4 m, fide W.R.Elliot & D.L.Jones, *Encycl. Austral. Pl.* 2: 37 (1982) and M.Hitchcock, *Austral. Pl.* 22: 324–325 (2004).

L.Pedley, *Austrobaileya* 1: 278 (1980), suggested that *A. cultriformis* and *A. scapuliformis* might best be treated as distinct subspecies. Specimens agreeing with the type of *A. cultriformis* are confined mainly to the Hunter R. area, N.S.W., and are characterised by \pm globular, 13–20-flowered heads, and phyllodes 14–30 mm long and 5–8 mm wide with l:w = 3–4. The type of *A. scapuliformis* is encompassed by the more widespread entity which has obloid to shortly cylindrical, 30–40-flowered heads, and phyllodes 10–30 mm long and 6–15 mm wide with l:w = 1.5–2.5.

FOA Reference

Data derived from *Flora of Australia* Volumes 11A (2001), 11B (2001) and 12 (1998), products of ABRS, ©Commonwealth of Australia

Author

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Australian
Biological
Resources
Study



URL: <https://keys.lucidcentral.org/keys/v3/wattle>
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